

CLAIMS

We claim:

1. An air filtration device for intake of atmospheric air, removal of contaminants from the atmospheric air, expulsion of filtered air, and configured for operational association with a generally vertically oriented surface, said air filtration device comprising:
 - a housing defining an air flow path therethrough and having a front surface and a rear surface;
 - at least one air inlet formed in said front surface;
 - at least one air outlet formed in said housing intermediate said front surface and said rear surface for cooperation of said air outlet with a generally vertical surface to which said air filtration device is associated for enhanced dispersion of filtered air expelled through said air outlet;
 - a filter supported in said air flow path;
 - an impeller supported by said housing for moving air through said air flow path, said impeller including a central inside area;
 - a baffle plate supported by said housing for directing air flowing from said air inlet toward said central inside area; and
 - a motor for driving the impeller, the motor and impeller at least partially supported by the baffle plate.